Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
108773APPLICATION NO.  
09/964,415

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)  
Ibraheem BADEJO et al.FILING DATE  
September 28, 2001

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
PP	2,721,858	10/1955	Joyner et al.		
↑	3,254,111	5/1966	Hawkins et al.		
	3,559,652	2/1971	Banitt et al.		
	3,940,362	2/1976	Overhults		
	3,995,641	12/1976	Kronenthal et al.		
	4,125,494	11/1978	Schoenberg et al.		
	4,261,879	4/1981	Kemper		
	4,313,865	2/1982	Teramoto et al.		
	4,321,180	3/1982	Kimura et al.		
PP	4,364,876	12/1982	Kimura et al.		

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
PP WO 99/55352	11/1999	WIPO		
↑ JP 11-235192	8/1999	Japan (w/abstract)		
↓ JP 6-128133	5/1994	Japan (w/abstract)		
PP JP 2-49747	2/1990	Japan (w/abstract)		
PP JP 2-51595	2/1990	Japan (w/abstract)		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

PP	Venkateswarlu et al., "Synthesis and Antibacterial Activity of Tetrahydrocurcuminoids", Asian Journal of Chemistry, Vol. 12, No. 1 (2000), pages 141-144.
PP	Sugiyama et al., "Involvement of the $\beta$ -diketone Moiety in the Antioxidative Mechanism of Tetrahydrocurcumin", Biochemical Pharmacology, Vol. 52, pages 519-525, 1996.
PP	Osawa et al., "Antioxidative Activity of Tetrahydrocurcuminoids", Biosci. Biotech. Biochem., 59(9), 1995, pages 1609-1612.
PP	Bray et al., "Essential Cell Biology", Vol. 9, pp. 236A, 1998.

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DATE CONSIDERED

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3731

1654

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
PP	4,560,723	12/1985	Millet et al.		
↑	4,720,513	1/1988	Kameyama et al.		
	4,724,177	2/1988	Russo		
	4,911,988	3/1990	Cass et al.		
	5,005,572	4/1991	Raemer et al.		
	5,034,456	7/1991	Katsumura et al.		
	5,266,344	11/1993	Mimura et al.		
	5,328,687	7/1994	Leung et al.		
↓	5,514,371	5/1996	Leung et al.		
PP	5,514,372	5/1996	Leung et al.		

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
PP JP 48-39930	6/1973	Japan (w/abstract)		
PP JP 47-8059	4/1972	Japan (w/abstract)		
PP GB 2107328A	4/1983	Great Britain		

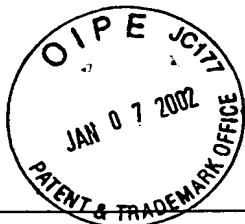
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

PP	Sidhu et al., "Enhancement of Wound Healing by Curcumin in Animals", Wound Repair and Regeneration, March-April 1998, pages 167-177.
PP	India Applauds U.S. Patent Reversal, Science, Vol. 277, September 5, 1997.
PP	Osawa et al., "Antioxidative Activity of Tetrahydrocurcumin", Dept. Food Science and Technology, Nagoya University, 1992, pages 801-804.
PP	Dipasquale, "Whole Foods", Vol. 18, No. 4, April, p. 39-40, 1995 (no abstract)
PP	International Journal of Pharmaceutical Compounding (USA) Vol. 1, No. 6, pp. 404-419, 442 1997.

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DATE CONSIDERED

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
PP	5,530,037	6/1996	McDonnell et al.		
	5,575,997	11/1996	Leung et al.		
	5,582,834	12/1996	Leung et al.		
	5,624,669	4/1997	Leung et al.		
	5,700,620	12/1997	Sakaguchi et al.		
	5,721,079	1/1998	Robello et al.		
	5,916,910	6/1999	Lai		
	5,928,611	7/1999	Leung		
	5,935,596	8/1999	Crotty et al.		
PP	5,985,300	11/1999	Crotty et al.		

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

PP	Mimura et al., "Method for Making Tetrahydrocurcumin and Substances Containing the Antioxidative Substance Tetrahydrocurcumin", 1993, 15 pp. (abstract only)

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	APPLICANT(S) Ibraheem BADEJO et al.	
	FILING DATE September 28, 2001	GROUP 3731 1654

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
PP	6,007,962	12/1999	Pearce et al.		
↑	6,143,805	11/2000	Hickey et al.		
↓	6,143,352	11/2000	Clark et al.		
PP	6,183,593	2/2001	Narang et al.		
	<del>09/430,180</del>	<del>10/29/1999</del>			
	<del>09/430,176</del>	<del>10/29/1999</del>			
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	<del>09/657,913</del>	<del>9/8/2000</del>			
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	<del>09/374,207</del>	<del>8/12/1999</del>			
	<del>09/385,030</del>	<del>8/30/1999</del>			
	<del>09/919,877</del>	<del>8/2/2001</del>			
	<del>09/630,437</del>	<del>8/2/2000</del>			

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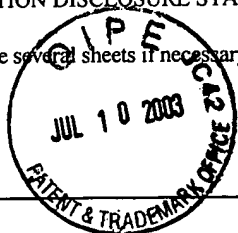
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